

SEQUENCE LISTING

<110> Gan, Shuseng
Xie, Mingtang

<120> GENETIC INSULATOR FOR PREVENTING INFLUENCE BY ANOTHER GENOME PROMOTER

<130> 50229-287

<150> US 60/241,735

<151> 2000-10-20

<160> 37

<170> PatentIn version 3.1

<210> 1

<211> 58

<212> DNA

<213> Arabidopsis thaliana

<400> 1

gaagatctag aatatatata tattcgatag aatatatata tattcgcaag acccttcc
58

<210> 2

<211> 35

<212> DNA

<213> Arabidopsis thaliana

<400> 2

ggaattccat ggatcccggg tgtaattgta aatag
35

<210> 3

<211> 30

<212> DNA

<213> Arabidopsis thaliana

<400> 3

gaagatctga tatcaagctt cgcaagaccc
30

<210> 4
<211> 63
<212> DNA
<213> Arabidopsis thaliana

<400> 4
gaagatctat tgtgagcgct cacaatgata attgtgagcg ctcacaattc gcaagacc
ct 60

tcc
63

<210> 5
<211> 46
<212> DNA
<213> Arabidopsis thaliana

<400> 5
gaagatctag aatatatata tattcactag ttcgcaagac ccttcc
46

<210> 6
<211> 18
<212> DNA
<213> Escherichia coli

<400> 6
attgtgagcg ctcacaat
18

<210> 7
<211> 31
<212> DNA
<213> Escherichia coli

<400> 7
cttctaattg tgagcgctca caatgaaaaa g
31

<210> 8
<211> 31

<212> DNA
<213> Escherichia coli

<400> 8
cttttttcatt gtgagcgctc acaattagaa g
31

<210> 9
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 9
gaatatatat atattc
16

<210> 10
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 10
gaatatatat atattc
16

<210> 11
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 11
cttctagaat atatatatat tcgaaaaag
29

<210> 12
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 12
cttttttcgaa tatatatata ttctagaag
29

<210> 13
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 13
 cttctagaat atatgtatat tcgaaaaag
 29

<210> 14
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 14
 ctttttcgaa tatacatata ttctagaag
 29

<210> 15
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 15
 cttctaacct atatatatat tcgaaaaag
 29

<210> 16
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 16
 ctttttcgaa tatatatata ggtagaag
 29

<210> 17
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 17
cttctagaag cgatatatat tcgaaaaag
29

<210> 18
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 18
cttttttcgaa tatatatcgc ttctagaag
29

<210> 19
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 19
cttctagaat atcgcgatat tcgaaaaag
29

<210> 20
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 20
cttttttcgaa tatcgcgata ttctagaag
29

<210> 21
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 21
cttctagaat atctatatat tcgaaaaag
29

<210> 22
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 22
 ctttttcgaa tatatagata ttctagaag
 29

<210> 23
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 23
 cttctagaat atagatatat tcgaaaaag
 29

<210> 24
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 24
 ctttttcgaa tatatctata ttctagaag
 29

<210> 25
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 25
 cttctagaat atatctatat tcgaaaaag
 29

<210> 26
 <211> 29
 <212> DNA
 <213> Arabidopsis thaliana

<400> 26

ctttttcgaa tatagatata ttctagaag
29

<210> 27
<211> 29
<212> DNA
<213> Arabidopsis thaliana

<400> 27
cttctagaat atatagatat tcgaaaaag
29

<210> 28
<211> 31
<212> DNA
<213> Arabidopsis thaliana

<400> 28
ctttttcgaa tatctatata tattctagaa g
31

<210> 29
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 29
gaatatatgt atattc
16

<210> 30
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 30
acctatatat atattc
16

<210> 31
<211> 16

097394E-101404

<212> DNA
<213> Arabidopsis thaliana

<400> 31
gaagcgatat atattc
16

<210> 32
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 32
gaatatcgcg atattc
16

<210> 33
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 33
gaatatctat atattc
16

<210> 34
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 34
gaatatagat atattc
16

<210> 35
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 35
gaatatatct atattc
16

0973945-10101
TTTTT "545E2660"

<210> 36
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<400> 36
gaatatatag atattc
16

<210> 37
<211> 16
<212> DNA
<213> Arabidopsis thaliana

<220>
<221> variation
<222> (7)..(10)
<223> The sequence nnhn at positions 7-10 is not cgcg

<220>
<221> misc_feature
<222> (1)..(10)
<223> n can be any nucleotide
nnhn at positions 7-10 cannot be cgcg

<400> 37
nnnnnnnnhn atattc
16